

MOF-derived TiO₂ nano-disks decorated with Pt nanoparticles for enhanced acetone sensing

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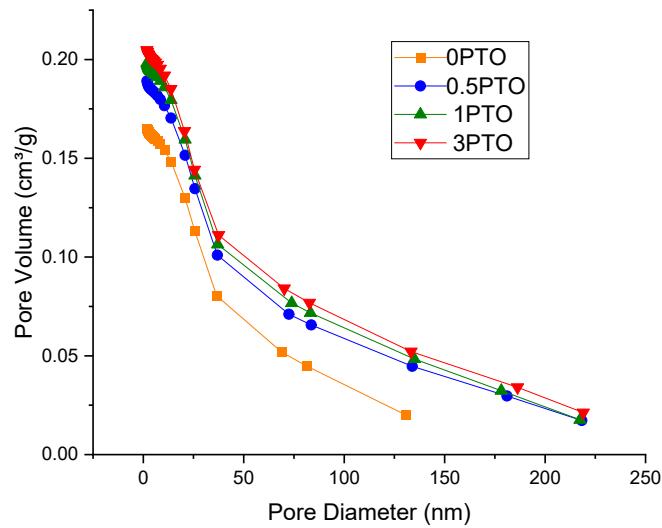
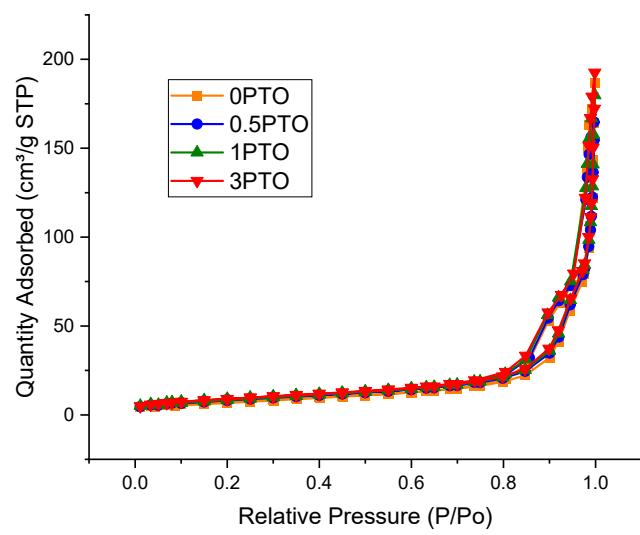


Fig. S1: The BET analysis of the samples 0PTO, 0.5PTO, 1PTO and 3PTO including specific surface area and pore volume.

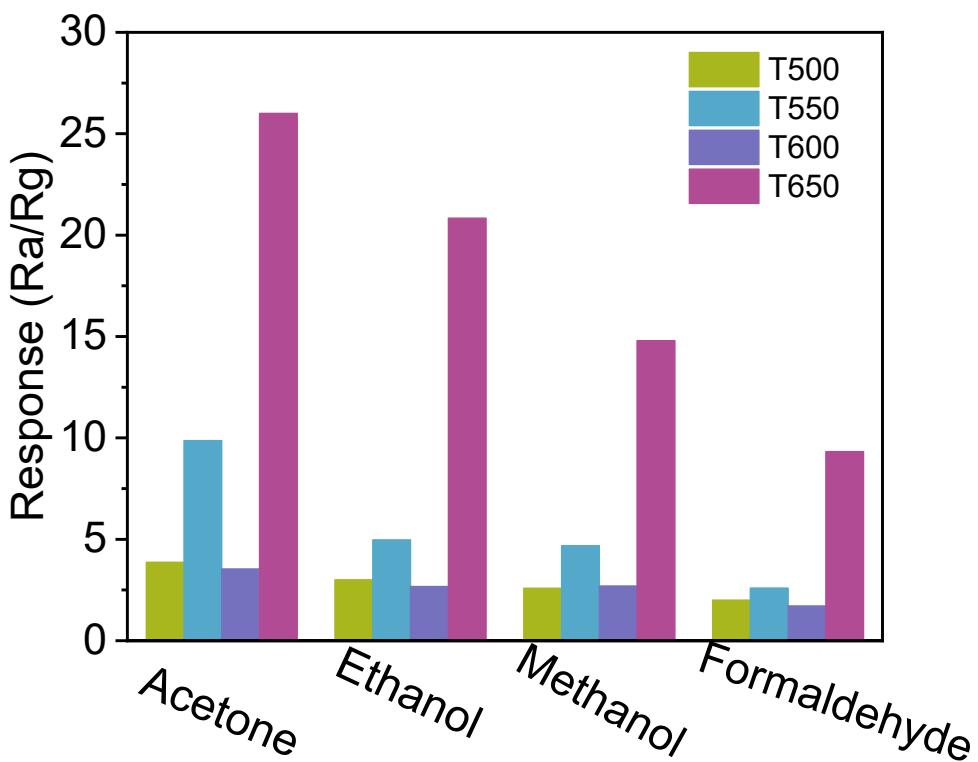


Fig. S2: The selectivity of the samples 0PTO (MT600) toward acetone against other interfering gases such as ethanol, methanol and formaldehyde.

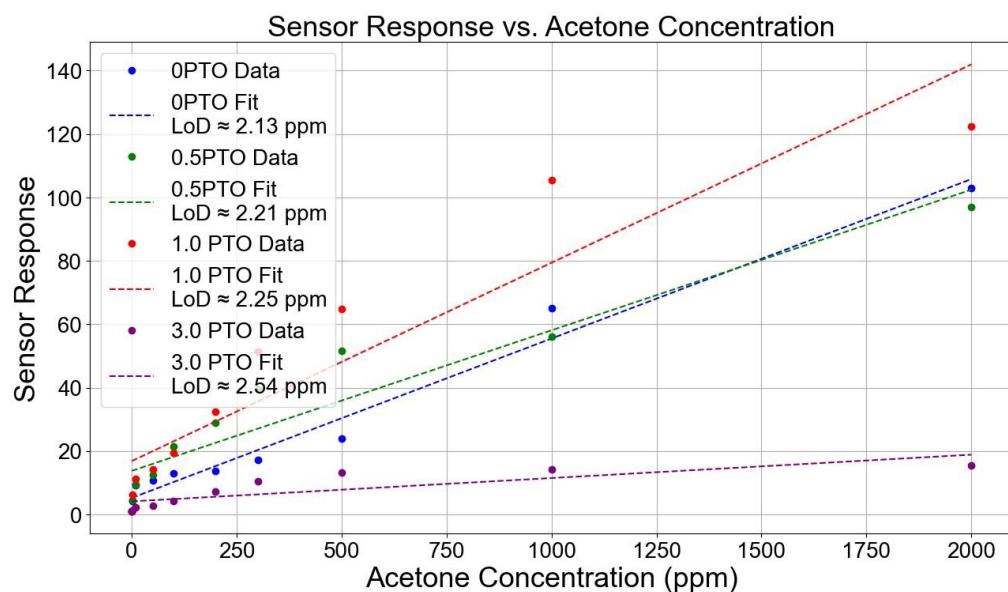


Fig. S3: The limit of detection (LoD) estimation of our samples using linear regression analysis. .